LABDEX

Automated Blood Culture System
LX1001ACS

Email: info@labdex.com **website:** www.labdex.com

Description

Automated Blood Culture System LX1001ACS combines a horizontal modular design with full automation, making it perfect for small-volume and remote laboratories. Its three-method alarm system guarantees reliable and safe operation. Equipped with an integrated CO_2 sensor, the system performs continuous monitoring every 10 minutes and presents real-time growth curves. The touch LED interface ensures intuitive, user-friendly operation.

Specifications

Design	Horizontal
Capacity	1 - 60 Bottles
Ambient temperature	10°C - 30°C
Atmospheric pressure	86.0 kPa - 106.0 kPa
Relative humidity	40% - 80%
Display	LED touch screen
Alarm	Yes
Noise	< 45 dB
Power	500 VA
Power supply	AC 220 V, 50 Hz
Fuse rated current	F10 AL250V (Φ 5 x 20 mm)
External dimension (W x D x H)	800 x 430 x 370 mm
Net weight	45 Kg
Packing dimension (W x D x H)	1120 x 590 x 670 mm

Gross weight	85 Kg

Features

- Built-in scanner for bottle barcode reading
- Continuous swinging vibration to optimize detection rate
- LED display monitors sensor colour changes and updates every 10 minutes
- Positive and negative result indication
- Independent temperature control: 35.0 °C ±1.5 °C
- Delayed vial entry function
- Built-in gas culture bottles
- Supports connection of multiple systems to one computer for remote control
- Auto alarm for positive bottles (sound, light, colour)
- Windows 10 OS with 10-inch touch screen
- LIS-compatible data storage up to 1 year and printing

Applications

- The Automated Blood Culture System is designed for the detection and monitoring of microbial growth in blood samples and is ideal for clinical, hospital, and research laboratories.

Optional Accessories

S. No.	Name	Capacity	Quantity
1	Aerobic i	30 ml	50 Bottles/Carton 20 Bottles/Carton
2	Aerobic ii	20 ml	50 Bottles/Carton 20 Bottles/Carton

3	Anaerobic i	40 ml	50 Bottles/Carton 20 Bottles/Carton

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

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